

1989 Graduate Student Symposium

**Pathogen Strategies:
Evasion and Suppression of
the Immune System**

Department of Molecular, Cellular
and Developmental Biology
University of Colorado, Boulder
March 3-5, 1989

Friday Afternoon Lectures, 3:30

PHILLIPA MARRACK - National Jewish Center for
Immunology and Respiratory Medicine

The Body's Defense: An Overview of the Immune Response

JACK STEVENS - University of California, Los Angeles
Transcripts Involved in Chronic Herpesvirus Infections

Dinner in Boulder with Graduate Students, 5:30

Friday Evening Lectures, 7:30

DAVID SIBLEY - Stanford School of Medicine
Toxoplasma Modification of Phagosomes

FRED HEFFRON - Scripps Clinic and Research Foundation
Genes Essential for Salmonella Survival Inside Macrophages

Reception, 9:30

Saturday Breakfast, 8:00

Saturday Morning Lectures, 9:00

THOMAS MEYER - Max Planck Institute

Variation of a *Neisseria gonorrhoeae* Surface Antigen by
Translational Control of Gene Expression

HANK SEIFERT - Northwestern University

Genetic Regulation of Gonococcal Pilin Phase
and Antigenic Variation

Coffee Break, 11:00

MARIE ROSE VAN SCHRAVENDIJK - DNAX Research Institute

Antigenic Variation and Sequestration of
Parasitized Blood Cells in Malaria Infection

Lunch, 12:20

Afternoon Outings

Catered Dinner, 6:00

Saturday Evening Lectures, 7:30

LEX VAN DER PLOEG - Columbia University

Duplicative Transposition of Variant Surface Glycoprotein
Genes of African Trypanosomes

GEORGE CROSS - The Rockefeller University

The Glycosyl-Phosphatidylinositol Membrane Anchor of the
Trypanosome Variant Surface Glycoprotein:
Its Structure, Synthesis, and Possible Role in Antigen Switching

Party, 9:30

Sunday Breakfast, 8:00

Sunday Morning Lectures, 9:00

ERIK HEWLETT - University of Virginia School of Medicine

Adenylate Cyclase Toxin of *Bordetella pertussis*:
Altering the Immune Response

JOSEPH SODROSKI - Harvard Medical School

Mechanisms of T-cell Killing by HIV

Coffee Break, 11:30

KEITH JOINER - National Institutes of Health

Mechanisms of Complement Evasion by
Leishmania and South American Trypanosomes

Lunch, 1:00